

HYVAC PRODUCTS, INC.

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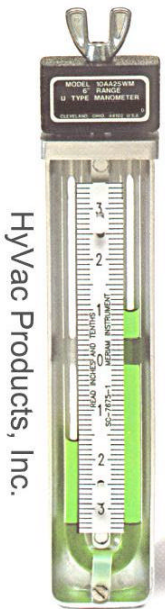
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Mercury Manometers



HyVac mercury manometers have many advantages in this age of technology because of their inherent accuracy and simplicity. Manometers are unique in being both pressure measurement instruments and standards for calibration of other instruments. Once considered solely a laboratory instrument, the manometer is today commonly used in production applications to measure pressures ranging from atmospheric pressure (760mm) to .1mm.

U-Tube Manometer

The U-tube manometer is the basic and most widely used style of manometer. The U-tube manometer is a versatile, economical instrument for the measurement of vacuum. Pressure measurements are accomplished by balancing a vertical head of indicating fluid with the pressure to be measured. There are no cams, gears, or levers to operate in the manometer. This allows the U-tube manometer to be recognized by NIST as a primary standard due to its inherent accuracy and simplicity of operation. U-tube manometers are constructed of a ridged cast aluminum frame, num indicating scale and hand bent glass U-tube. Mounting holes are provided in the frame for mounting to a wall, column or other suitable structure.

Well Type Manometers

Direct reading. Pressure is measured against a well of mercury and read as to how far the mercury travels up the column.

HyVac manometers are available in a wall hang unit or an optional desk top, stand design so they may be situated on a bench top and still be quite stable. The desk top model / style is pictured here on the right and is featured in a well type manometer. The wall hung unit appears in a U-Tube manometer in the top picture.



Ordering Information and Model Numbers

Manometers scale from full vacuum to the pressure on the left. A vacuum scale is available from HyVac for further pressure evaluation or can also be found on the HyVac web site. The 760 models scale from 760mm (atmosphere) to 0 or (perfect vacuum¹)

U Tube	Wall Mount		Desktop	
760mm	\$345.00	Cat# manometer_01	\$570.00	Cat# manometer_01D
483mm	\$300.00	Cat# manometer_02	\$525.00	Cat# manometer_02D
250mm	\$220.00	Cat# manometer_03	\$445.00	Cat# manometer_03D
125mm	\$200.00	Cat# manometer_04	\$425.00	Cat# manometer_04D

Well Type	Wall Mount		Desktop	
760mm	\$1041.00	Cat# manometer_06	\$1327.00	Cat# manometer_06D
500mm	\$1078.00	Cat# manometer_07	\$1364.00	Cat# manometer_07D
304mm	\$1152.00	Cat# manometer_08	\$1436.00	Cat# manometer_08D
150mm	\$1182.00	Cat# manometer_09	\$1466.00	Cat# manometer_09D

HyVac also has digital pressure gauges in varying styles that can measure these same pressure ranges to accuracies of .02% of full scale. These again are featured on the web site or cut sheets are available by calling 1-800-628-0850.

1. Perfect Vacuum is unattainable on planet earth so these gauges are really not the best solution for vacuum pressure readings less than .4mm Hg vacuum. They are standards that are acceptable for readings between atmospheric pressure and say 759mm Hg vacuum.